

**REMARKS**

5 In response to the Examiner's Action mailed on October 15, 2003, the drawings and the Specification are amended, and claims 4-9, 11 and 12 are amended. The applicant hereby respectfully requests that the patent application be reconsidered.

10 An item-by-item response to Examiner's objections or rejections is provided in the followings:

**1      *Objection to Claims***

15 The Examiner objects to the claims because of the following informalities:

- A. In claim 4, "AS-to-DC" should be - - AC-to-DC- -
- B. In claims 5-9, 11-12, in the first line, a word - - of - - should be inserted after the word "converter".

20 In response to the Objections, claims 4 and claims 5-9, and 11-12 are amended and the informalities are corrected.

**2.      *Objection to Drawings***

25 The Examiner objects to the drawings as failing to comply with 37 CFR 1.84(p)(5) because they do not include the reference numerals mentioned in the description: A proposed drawing correction or corrected drawings are required in reply to the Office action to avoid abandonment of the application.

30 Specifically, in the Drawings, as instructed by the Examiner, the following reference numerals indicated in the specification are required to

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be shown in the drawings (Figs. 4-6):

105, 100, 115, 120, 125, 135, 140, 145, 150, 160, 180, 170

5                    In response to the objections, Figures 5 and 6 are amended and all the above listed numbers are added.

3.     *Objection to Specification*

10                   The Examiner objects to the specification for the following informalities.

A. In page 9, lines 10-12, same number 105 is used to represent winding and clipper.

15                   B. In page 9, line 24-26, different numbers 125, 120 are used to represent ramp generator.

C. In page 10, line 24-26, same number 135, used to represent a current source and a charge integrator.

20                   In response to the objections, the Specification is amended and the informalities are corrected.

25                   Specifically, in the amended Specification, the waveform clipper is designated with a numerical designation of 110, the timing ramp generator is designated with a numerical designation of 120, and the positive current source is designated with a numerical designation of 130.

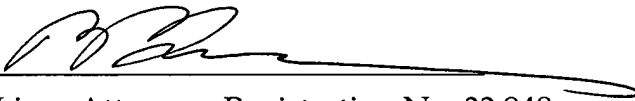
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With the amended drawings, specification and claims and the reasons provided above, the applicant hereby respectfully requests that Examiner's objections to the drawings, specification and be withdrawn and the present application be allowed.

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Respectfully submitted,  
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By



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